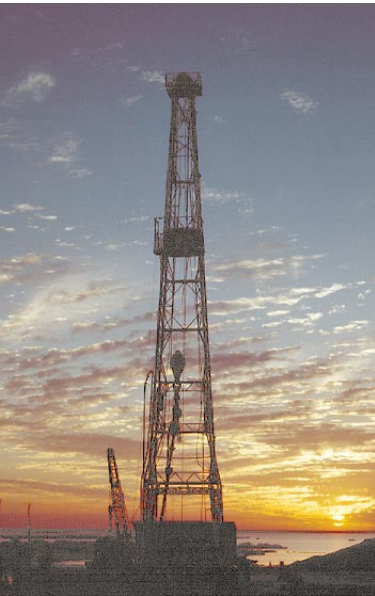


Natural Gas and Oil Environmental Research

GOALS



Natural Gas

- By 2010, reduce environmental compliance costs and ensure sound regulations (target savings: \$4 billion over 20 years for alternative water disposal methods in Gulf region, and \$400 million in NORM disposal costs by 2010).

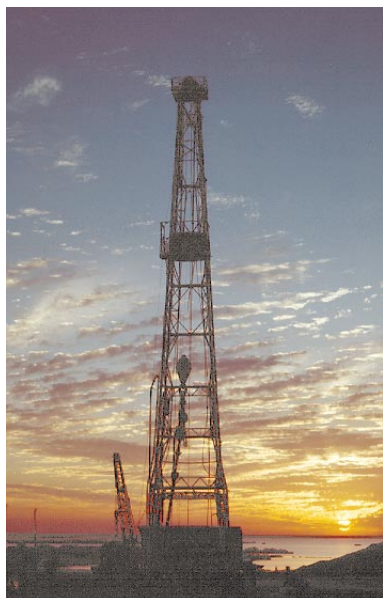
Oil

- By 2010, decrease environmental costs with risk-based decisionmaking (target: savings of \$340 million for old wells; \$600 million for new wells, and \$1.3 billion in reduced costs for water discharge in Gulf of Mexico over conventional underground disposal).

- Environmental R&D goals in both the natural gas and oil programs focus on compliance cost reductions, e.g., for the treatment and disposal of produced water, and the collection of data to support scientifically sound regulatory decision making.

Natural Gas and Oil Environmental Research

Program Content



Program Components	Budget			
	FY95	FY96 Conf.	FY97 Request	Cost-Sharing
Natural Gas Environmental Research and Regulatory Analysis	\$3.0	\$3.0	\$4.7	24%
Oil Environmental Research	4.7	5.5	6.5	10%
Total	\$7.7	\$8.4	\$11.1	

- Environmental research is carried out in both the Natural Gas and Oil Technology programs. Much of the activity focuses on the treatment and disposal of wastes produced during oil and gas drilling and production operations. The Natural Gas environmental program also includes efforts to detect natural gas leaks in pipelines. Both programs are also assisting in regulatory decision making.